GenCore version 5.1.4_p5_4578
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OM protein - protein search, using sw model

Run on: May 19, 2003, 16:43:42 ; Search time 19.1281 Seconds
(without alignments)
553.754 Million cell updates/sec

Title: US-09-625-573-4
Perfect score: 1900
Sequence: 1 MLSTSRSRFIRNTNESGEEV.....DGVTSTNTPSTGEQEVSAGL 360

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 262574 seqs, 29422922 residues

Total number of hits satisfying chosen parameters: 262574

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued_Patents_AA:*
1: /cgn2_6/ptodata/1/iaa/5A_COMB.pep:*
2: /cgn2_6/ptodata/1/iaa/5B_COMB.pep:*
3: /cgn2_6/ptodata/1/iaa/6A_COMB.pep:*
4: /cgn2_6/ptodata/1/iaa/6B_COMB.pep:*
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6: /cgn2_6/ptodata/1/iaa/backfiles1.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	1900	100.0	360	1	US-08-450-393A-4	Sequence 4, Appli
2	1900	100.0	360	4	US-08-446-669-4	Sequence 4, Appli
3	1900	100.0	360	4	US-09-045-583-50	Sequence 50, Appl
4	1900	100.0	360	4	US-09-534-185-50	Sequence 50, Appl
5	1900	100.0	360	5	PCT-US95-00476-4	Sequence 4, Appli
6	1873	98.6	360	4	US-08-833-752-7	Sequence 7, Appli
7	1849	97.3	360	4	US-09-045-583-51	Sequence 51, Appl
8	1849	97.3	360	4	US-09-534-185-51	Sequence 51, Appl
9	1838	96.7	347	1	US-08-461-244-3	Sequence 3, Appli
10	1651.5	86.9	374	1	US-08-450-393A-2	Sequence 2, Appli
11	1651.5	86.9	374	4	US-08-446-669-2	Sequence 2, Appli
12	1651.5	86.9	374	5	PCT-US95-00476-2	Sequence 2, Appli
13	1568.5	82.6	344	3	US-08-466-343D-9	Sequence 9, Appli
14	1386	72.9	354	4	US-08-724-984A-2	Sequence 2, Appli
15	1371	72.2	352	4	US-09-517-605-5	Sequence 5, Appli
16	1370	72.1	352	4	US-09-045-583-52	Sequence 52, Appl
17	1370	72.1	352	4	US-09-534-185-52	Sequence 52, Appl
18	1364	71.8	352	4	US-09-087-232A-13	Sequence 13, Appl
19	1364	71.8	352	4	US-08-861-105-14	Sequence 14, Appl
20	1364	71.8	352	4	US-08-575-967A-2	Sequence 2, Appli
21	1364	71.8	352	4	US-08-833-752-5	Sequence 5, Appli
22	1355	71.3	352	3	US-08-466-343D-2	Sequence 2, Appli
23	1036	54.5	355	1	US-08-012-988A-2	Sequence 2, Appli
24	1036	54.5	355	1	US-08-450-393A-5	Sequence 5, Appli
25	1036	54.5	355	4	US-08-446-669-5	Sequence 5, Appli
26	1036	54.5	355	4	US-09-239-938-1	Sequence 1, Appli
27	1036	54.5	355	5	PCT-US95-00476-5	Sequence 5, Appli
28	1008	53.1	355	4	US-08-833-752-9	Sequence 9, Appli
29	981	51.6	355	4	US-09-045-583-53	Sequence 53, Appl
30	981	51.6	355	4	US-09-534-185-53	Sequence 53, Appl
31	947	49.8	355	4	US-08-575-967A-4	Sequence 4, Appli
32	947	49.8	355	4	US-08-847-296B-1	Sequence 1, Appli
33	947	49.8	355	4	US-09-045-583-54	Sequence 54, Appl
34	947	49.8	355	4	US-09-534-185-54	Sequence 54, Appl
35	917	48.3	355	4	US-08-833-752-8	Sequence 8, Appli
36	862.5	45.4	360	4	US-08-875-573-20	Sequence 20, Appl
37	862.5	45.4	360	4	US-09-232-878-2	Sequence 2, Appli
38	862.5	45.4	360	4	US-09-045-583-55	Sequence 55, Appl
39	862.5	45.4	360	4	US-09-534-185-55	Sequence 55, Appl
40	826.5	43.5	360	4	US-08-833-752-10	Sequence 10, Appl
41	751	39.5	355	1	US-08-461-244-2	Sequence 2, Appli
42	751	39.5	355	4	US-09-045-583-56	Sequence 56, Appl
43	751	39.5	355	4	US-09-534-185-56	Sequence 56, Appl
44	708	37.3	355	1	US-08-153-848-28	Sequence 28, Appl
45	708	37.3	355	1	US-08-153-848-32	Sequence 32, Appl

ALIGNMENTS

RESULT 1
US-08-450-393A-4
; Sequence 4, Application US/08450393A
; Patent No. 5707815
; GENERAL INFORMATION:
; APPLICANT: Charo, Israel
; APPLICANT: Coughlin, Shaun
; TITLE OF INVENTION: MAMMALIAN MONOCYTE CHEMOATTRACTANT
; TITLE OF INVENTION: PROTEIN RECEPTORS
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Cooley Godward Castro Huddleson & Tatum
; STREET: 5 Palo Alto Square
; CITY: Palo Alto
; STATE: California
; COUNTRY: USA
; ZIP: 94306-2155
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/450,393A
; FILING DATE: May 25, 1995
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: Cserr, Luann
; REGISTRATION NUMBER: 31,822
; REFERENCE/DOCKET NUMBER: UCAL-237/02US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-843-5165
; TELEFAX: 415-8857-0663
; TELEX: 380816CooleyPA
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 360 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-450-393A-4

Query Match 100.0%; Score 1900; DB 1; Length 360;
Best Local Similarity 100.0%; Pred. No. 3.1e-151;
Matches 360; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db      61 MLVVLILINCKKLKCLTDIYLLNLAISDLLFLITLPLWAHSAANEWVFGNAMCKLFTGLY 120

Qy     121 HIGYFGGIFFIILLTIDRYLAIVHAVFALKARTVTFGVVTSVITWLVAVFASVPGIIFTK 180
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RESULT 2
US-08-446-669-4
; Sequence 4, Application US/08446669
; Patent No. 6132987
; GENERAL INFORMATION:
; APPLICANT: Charo, Israel
; APPLICANT: Coughlin, Shaun
; TITLE OF INVENTION: MAMMALIAN MONOCYTE CHEMOATTRACTANT
; TITLE OF INVENTION: PROTEIN RECEPTORS
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Cooley Godward Castro Huddleson & Tatum
; STREET: 5 Palo Alto Square
; CITY: Palo Alto
; STATE: California
; COUNTRY: USA
; ZIP: 94306-2155
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/446,669
; FILING DATE: May 25, 1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Neeley, Richard
; REGISTRATION NUMBER: 30,092
; REFERENCE/DOCKET NUMBER: UCAL-237/01US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-843-5000
; TELEFAX: 415-857-0663
; TELEX: 380816CooleyPA
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 360 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-446-669-4

Query Match 100.0%; Score 1900; DB 4; Length 360;
Best Local Similarity 100.0%; Pred. No. 3.1e-151;
Matches 360; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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RESULT 3
US-09-045-583-50
; Sequence 50, Application US/09045583
; Patent No. 6287805
; GENERAL INFORMATION:
; APPLICANT: Graham, Gerard J. et al.
; TITLE OF INVENTION: No. 6287805el Molecules of the G Protein-Coupled
; NUMBER OF SEQUENCES: 56
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LAHIVE & COCKFIELD, LLP
; STREET: 28 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/045,583
; FILING DATE: 20-MAR-98
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Mandragouras, Amy E.
; REGISTRATION NUMBER: 36,207
; REFERENCE/DOCKET NUMBER: MNI-044
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617)227-7400
; TELEFAX: (617)742-4214
; INFORMATION FOR SEQ ID NO: 50:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 360 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; FRAGMENT TYPE: internal
US-09-045-583-50

Query Match 100.0%; Score 1900; DB 4; Length 360;
Best Local Similarity 100.0%; Pred. No. 3.1e-151;
Matches 360; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db       1 MLSTSRSRFIRNTNESGEEVTTFFDYDYGAPCHKFDVKQIGAQLLPPLYSLVFIFGFVGN 60

Qy      61 MLVVLILINCKKLKCLTDIYLLNLAISDLLFLITLPLWAHSAANEWVFGNAMCKLFTGLY 120
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Db    121 HIGYFGGIFFIILLTIDRYLAIVHAVFALKARTVTFGVVTSVITWLVAVFASVPGIIFTK 180

Qy    181 CQKEDSVYVCGPYFPRGWNNFHTIMRNILGLVLPLLIMVICYSGILKTLLRCRNEKKRHR 240
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Qy    241 AVRVIFTIMIVYFLFWTPYNIVILLNTFQEFFGLSNCESTSQLDQATQVTETLGMTHCCI 300
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RESULT 4
US-09-534-185-50
; Sequence 50, Application US/09534185
; Patent No. 6403767
;  GENERAL INFORMATION:
;       APPLICANT: Graham, Gerard J. et al.
;       TITLE OF INVENTION: No. 6403767el Molecules of the G Protein-Coupled
;                           Heptahelical Receptor Superfamily and Uses
;                           Therefor
;       NUMBER OF SEQUENCES: 56
;       CORRESPONDENCE ADDRESS:
;            ADDRESSEE: LAHIVE & COCKFIELD, LLP
;            STREET: 28 State Street
;            CITY: Boston
;            STATE: Massachusetts
;            COUNTRY: USA
;            ZIP: 02109
;       COMPUTER READABLE FORM:
;            MEDIUM TYPE: Floppy disk
;            COMPUTER: IBM PC compatible
;            OPERATING SYSTEM: PC-DOS/MS-DOS
;            SOFTWARE: PatentIn Release #1.0, Version #1.25
;       CURRENT APPLICATION DATA:
;            APPLICATION NUMBER: US/09/534,185
;            FILING DATE: 24-Mar-2000
;            CLASSIFICATION: <Unknown>
;       PRIOR APPLICATION DATA:
;            APPLICATION NUMBER: 09/045,583
;            FILING DATE: <Unknown>
;       ATTORNEY/AGENT INFORMATION:
;            NAME: Mandragouras, Amy E.
;            REGISTRATION NUMBER: 36,207
;            REFERENCE/DOCKET NUMBER: MNI-044
;       TELECOMMUNICATION INFORMATION:
;            TELEPHONE: (617)227-7400
;            TELEFAX: (617)742-4214
;  INFORMATION FOR SEQ ID NO: 50:
;       SEQUENCE CHARACTERISTICS:
;            LENGTH: 360 amino acids
;            TYPE: amino acid
;            TOPOLOGY: linear
;       MOLECULE TYPE: peptide
;       FRAGMENT TYPE: internal
;       SEQUENCE DESCRIPTION: SEQ ID NO: 50:
US-09-534-185-50

  Query Match             100.0%;  Score 1900;  DB 4;  Length 360;
  Best Local Similarity   100.0%;  Pred. No. 3.1e-151;
  Matches  360;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy      1 MLSTSRSRFIRNTNESGEEVTTFFDYDYGAPCHKFDVKQIGAQLLPPLYSLVFIFGFVGN 60
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Db      1 MLSTSRSRFIRNTNESGEEVTTFFDYDYGAPCHKFDVKQIGAQLLPPLYSLVFIFGFVGN 60

Qy     61 MLVVLILINCKKLKCLTDIYLLNLAISDLLFLITLPLWAHSAANEWVFGNAMCKLFTGLY 120
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db     61 MLVVLILINCKKLKCLTDIYLLNLAISDLLFLITLPLWAHSAANEWVFGNAMCKLFTGLY 120

Qy    121 HIGYFGGIFFIILLTIDRYLAIVHAVFALKARTVTFGVVTSVITWLVAVFASVPGIIFTK 180
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Db    121 HIGYFGGIFFIILLTIDRYLAIVHAVFALKARTVTFGVVTSVITWLVAVFASVPGIIFTK 180

Qy    181 CQKEDSVYVCGPYFPRGWNNFHTIMRNILGLVLPLLIMVICYSGILKTLLRCRNEKKRHR 240
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Db    181 CQKEDSVYVCGPYFPRGWNNFHTIMRNILGLVLPLLIMVICYSGILKTLLRCRNEKKRHR 240

Qy    241 AVRVIFTIMIVYFLFWTPYNIVILLNTFQEFFGLSNCESTSQLDQATQVTETLGMTHCCI 300
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Db    241 AVRVIFTIMIVYFLFWTPYNIVILLNTFQEFFGLSNCESTSQLDQATQVTETLGMTHCCI 300

Qy    301 NPIIYAFVGEKFRRYLSVFFRKHITKRFCKQCPVFYRETVDGVTSTNTPSTGEQEVSAGL 360
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RESULT 5
PCT-US95-00476-4
; Sequence 4, Application PC/TUS9500476
;  GENERAL INFORMATION:
;    APPLICANT:  The Regents of the University of California
;    TITLE OF INVENTION:  MAMMALIAN MONOCYTE CHEMOATTRACTANT
;    TITLE OF INVENTION:  PROTEIN RECEPTORS
;    NUMBER OF SEQUENCES:  14
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Robbins, Berliner & Carson
;      STREET:  201 N. Figueroa Street, 5th Floor
;      CITY:  Los Angeles
;      STATE:  California
;      COUNTRY:  USA
;      ZIP:  90012-2628
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.25
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  PCT/US95/00476
;      FILING DATE:
;      CLASSIFICATION:
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Berliner, Robert
;      REGISTRATION NUMBER:  20,121
;      REFERENCE/DOCKET NUMBER:  5555-291
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  310-977-1001
;      TELEFAX:  310-977-1003
;      TELEX:
;  INFORMATION FOR SEQ ID NO:  4:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  360 amino acids
;      TYPE:  amino acid
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  protein
PCT-US95-00476-4

  Query Match             100.0%;  Score 1900;  DB 5;  Length 360;
  Best Local Similarity   100.0%;  Pred. No. 3.1e-151;
  Matches  360;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy      1 MLSTSRSRFIRNTNESGEEVTTFFDYDYGAPCHKFDVKQIGAQLLPPLYSLVFIFGFVGN 60
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Db      1 MLSTSRSRFIRNTNESGEEVTTFFDYDYGAPCHKFDVKQIGAQLLPPLYSLVFIFGFVGN 60

Qy     61 MLVVLILINCKKLKCLTDIYLLNLAISDLLFLITLPLWAHSAANEWVFGNAMCKLFTGLY 120
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Db     61 MLVVLILINCKKLKCLTDIYLLNLAISDLLFLITLPLWAHSAANEWVFGNAMCKLFTGLY 120

Qy    121 HIGYFGGIFFIILLTIDRYLAIVHAVFALKARTVTFGVVTSVITWLVAVFASVPGIIFTK 180
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Db    121 HIGYFGGIFFIILLTIDRYLAIVHAVFALKARTVTFGVVTSVITWLVAVFASVPGIIFTK 180

Qy    181 CQKEDSVYVCGPYFPRGWNNFHTIMRNILGLVLPLLIMVICYSGILKTLLRCRNEKKRHR 240
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Db    181 CQKEDSVYVCGPYFPRGWNNFHTIMRNILGLVLPLLIMVICYSGILKTLLRCRNEKKRHR 240

Qy    241 AVRVIFTIMIVYFLFWTPYNIVILLNTFQEFFGLSNCESTSQLDQATQVTETLGMTHCCI 300
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Db    241 AVRVIFTIMIVYFLFWTPYNIVILLNTFQEFFGLSNCESTSQLDQATQVTETLGMTHCCI 300

Qy    301 NPIIYAFVGEKFRRYLSVFFRKHITKRFCKQCPVFYRETVDGVTSTNTPSTGEQEVSAGL 360
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db    301 NPIIYAFVGEKFRRYLSVFFRKHITKRFCKQCPVFYRETVDGVTSTNTPSTGEQEVSAGL 360


RESULT 6
US-08-833-752-7
; Sequence 7, Application US/08833752
; Patent No. 6448375
; GENERAL INFORMATION:
;    APPLICANT:  SAMSON, MICHEL
;    APPLICANT:  PARMENTIER, MARC
;    APPLICANT:  VASSART, GILBERT
;    APPLICANT:  LIBERT, FREDERICK
;    TITLE OF INVENTION:  ACTIVE AND INACTIVE CC-CHEMOKINES RECEPTOR
;    TITLE OF INVENTION:  AND NUCLEIC ACID MOLECULES ENCODING SAID RECEPTOR
;    NUMBER OF SEQUENCES:  17
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Knobbe, Martens, Olson & Bear
;      STREET:  620 Newport Center Drive  16th Floor
;      CITY:  Newport Beach
;      STATE:  CA
;      COUNTRY:  U.S.A.
;      ZIP:  92660
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.25 (EPO)
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/833,752
;      FILING DATE:  9-APR-1997
;      CLASSIFICATION:  536
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Altman, Daniel E
;      REGISTRATION NUMBER:  34,115
;      REFERENCE/DOCKET NUMBER:
; INFORMATION FOR SEQ ID NO:  7:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  360 amino acids
;      TYPE:  amino acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  No. 6448375e
US-08-833-752-7

  Query Match             98.6%;  Score 1873;  DB 4;  Length 360;
  Best Local Similarity   98.3%;  Pred. No. 5.6e-149;
  Matches  354;  Conservative    2;  Mismatches    4;  Indels    0;  Gaps    0;

Qy      1 MLSTSRSRFIRNTNESGEEVTTFFDYDYGAPCHKFDVKQIGAQLLPPLYSLVFIFGFVGN 60
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db      1 MLSTSRSRFIRNTNESGEEVTTFFDYDYGAPCHKFDVKQIGAQLLPPLYSLVFIFGFVGN 60

Qy     61 MLVVLILINCKKLKCLTDIYLLNLAISDLLFLITLPLWAHSAANEWVFGNAMCKLFTGLY 120
          ||||||||||||||||||||||||||||||:||||||||||||||||||||||||||||||
Db     61 MLVVLILINCKKLKCLTDIYLLNLAISDLLFIITLPLWAHSAANEWVFGNAMCKLFTGLY 120

Qy    121 HIGYFGGIFFIILLTIDRYLAIVHAVFALKARTVTFGVVTSVITWLVAVFASVPGIIFTK 180
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db    121 HIGYFGGIFFIILLTIDRYLAIVHAVFALKARTVTFGVVTSVITWLVAVFASVPGIIFTK 180

Qy    181 CQKEDSVYVCGPYFPRGWNNFHTIMRNILGLVLPLLIMVICYSGILKTLLRCRNEKKRHR 240
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db    181 CQKEDSVYVCGPYFPRGWNNFHTIMRNILGLVLPLLIMVICYSGILKTLLRCRNEKKRHR 240

Qy    241 AVRVIFTIMIVYFLFWTPYNIVILLNTFQEFFGLSNCESTSQLDQATQVTETLGMTHCCI 300
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db    241 AVRVIFTIMIVYFLFWTPYNIVILLNTFQEFFGLSNCESTSQLDQAIQVTETLGMTHCCI 300

Qy    301 NPIIYAFVGEKFRRYLSVFFRKHITKRFCKQCPVFYRETVDGVTSTNTPSTGEQEVSAGL 360
          ||||||||||||||:|||||||   ||||||||||||||||||||||||||||||||||||
Db    301 NPIIYAFVGEKFRRYISVFFRKHIXXXFCKQCPVFYRETVDGVTSTNTPSTGEQEVSAGL 360


RESULT 7
US-09-045-583-51
; Sequence 51, Application US/09045583
; Patent No. 6287805
; GENERAL INFORMATION:
;    APPLICANT:  Graham, Gerard J. et al.
;    TITLE OF INVENTION:  No. 6287805el Molecules of the G Protein-Coupled
;    NUMBER OF SEQUENCES:  56
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  LAHIVE & COCKFIELD, LLP
;      STREET:  28 State Street
;      CITY:  Boston
;      STATE:  Massachusetts
;      COUNTRY:  USA
;      ZIP:  02109
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.25
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/09/045,583
;      FILING DATE:  20-MAR-98
;      CLASSIFICATION:  435
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:
;      FILING DATE:
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Mandragouras, Amy E.
;      REGISTRATION NUMBER:  36,207
;      REFERENCE/DOCKET NUMBER:  MNI-044
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  (617)227-7400
;      TELEFAX:  (617)742-4214
; INFORMATION FOR SEQ ID NO:  51:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  360 amino acids
;      TYPE:  amino acid
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  peptide
;    FRAGMENT TYPE:  internal
US-09-045-583-51

  Query Match             97.3%;  Score 1849;  DB 4;  Length 360;
  Best Local Similarity   97.2%;  Pred. No. 5.6e-147;
  Matches  350;  Conservative    5;  Mismatches    5;  Indels    0;  Gaps    0;

Qy      1 MLSTSRSRFIRNTNESGEEVTTFFDYDYGAPCHKFDVKQIGAQLLPPLYSLVFIFGFVGN 60
          ||||||||||||||| ||||||||||||||||||||||||||||||||||||||||||||||
Db      1 MLSTSRSRFIRNTNGSGEEVTTFFDYDYGAPCHKFDVKQIGAQLLPPLYSLVFIFGFVGN 60

Qy     61 MLVVLILINCKKLKCLTDIYLLNLAISDLLFLITLPLWAHSAANEWVFGNAMCKLFTGLY 120
          ||||||||||||||| ||||||||||||||||||||||||||||||||||||||||||||||
Db     61 MLVVLILINCKKLKSLTDIYLLNLAISDLLFLITLPLWAHSAANEWVFGNAMCKLFTGLY 120

Qy    121 HIGYFGGIFFIILLTIDRYLAIVHAVFALKARTVTFGVVTSVITWLVAVFASVPGIIFTK 180
          ||||  ||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db    121 HIGYLGGIFFIILLTIDRYLAIVHAVFALKARTVTFGVVTSVITWLVAVFASVPGIIFTK 180

Qy    181 CQKEDSVYVCGPYFPRGWNNFHTIMRNILGLVLPLLIMVICYSGILKTLLRCRNEKKRHR 240
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          ||:||||||:||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db    181 CQEEDSVYICGPYFPRGWNNFHTIMRNILGLVLPLLIMVICYSGILKTLLRCRNEKKRHR 240

Qy    241 AVRVIFTIMIVYFLFWTPYNIVILLNTFQEFFGLSNCESTSQLDQATQVTETLGMTHCCI 300
          |||:||||||||||||||||||||||||||||||||||||| ||||||||||||||||||
Db    241 AVRLIFTIMIVYFLFWTPYNIVILLNTFQEFFGLSNCESTRQLDQATQVTETLGMTHCCI 300

Qy    301 NPIIYAFVGEKFRRYLSVFFRKHITKRFCKQCPVFYRETVDGVTSTNTPSTGEQEVSAGL 360
          |||||||||||||||||:||||:|||||||||||||||||||||||||| ||||||||
Db    301 NPIIYAFVGEKFRRYLSMFFRKYITKRFCKQCPVFYRETVDGVTSTNTPSTAEQEVSAGL 360


RESULT 8
US-09-534-185-51
; Sequence 51, Application US/09534185
; Patent No. 6403767
;   GENERAL INFORMATION:
;        APPLICANT: Graham, Gerard J. et al.
;        TITLE OF INVENTION: No. 6403767el Molecules of the G Protein-Coupled
;                            Heptahelical Receptor Superfamily and Uses
;                            Therefor
;        NUMBER OF SEQUENCES: 56
;        CORRESPONDENCE ADDRESS:
;             ADDRESSEE: LAHIVE & COCKFIELD, LLP
;             STREET: 28 State Street
;             CITY: Boston
;             STATE: Massachusetts
;             COUNTRY: USA
;             ZIP: 02109
;        COMPUTER READABLE FORM:
;             MEDIUM TYPE: Floppy disk
;             COMPUTER: IBM PC compatible
;             OPERATING SYSTEM: PC-DOS/MS-DOS
;             SOFTWARE: PatentIn Release #1.0, Version #1.25
;        CURRENT APPLICATION DATA:
;             APPLICATION NUMBER: US/09/534,185
;             FILING DATE: 24-Mar-2000
;             CLASSIFICATION: <Unknown>
;        PRIOR APPLICATION DATA:
;             APPLICATION NUMBER: 09/045,583
;             FILING DATE: <Unknown>
;        ATTORNEY/AGENT INFORMATION:
;             NAME: Mandragouras, Amy E.
;             REGISTRATION NUMBER: 36,207
;             REFERENCE/DOCKET NUMBER: MNI-044
;        TELECOMMUNICATION INFORMATION:
;             TELEPHONE: (617)227-7400
;             TELEFAX: (617)742-4214
;   INFORMATION FOR SEQ ID NO: 51:
;     SEQUENCE CHARACTERISTICS:
;             LENGTH: 360 amino acids
;             TYPE: amino acid
;             TOPOLOGY: linear
;        MOLECULE TYPE: peptide
;        FRAGMENT TYPE: internal
;        SEQUENCE DESCRIPTION: SEQ ID NO: 51:
US-09-534-185-51

  Query Match             97.3%;  Score 1849;  DB 4;  Length 360;
  Best Local Similarity   97.2%;  Pred. No. 5.6e-147;
  Matches  350;  Conservative    5;  Mismatches    5;  Indels    0;  Gaps    0;

Qy      1 MLSTSRSRFIRNTNESGEEVTTFFDYDYGAPCHKFDVKQIGAQLLPPLYSLVFIFGFVGN 60
          |||||||||||||| ||||||||||||||||||||||||||||||||||||||||||||||
Db      1 MLSTSRSRFIRNTNGSGEEVTTFFDYDYGAPCHKFDVKQIGAQLLPPLYSLVFIFGFVGN 60

Qy     61 MLVVLILINCKKLKCLTDIYLLNLAISDLLFLITLPLWAHSAANEWVFGNAMCKLFTGLY 120
          |||||||||||||| ||||||||||||||||||||||||||||||||||||||||||||||
Db     61 MLVVLILINCKKLKSLTDIYLLNLAISDLLFLITLPLWAHSAANEWVFGNAMCKLFTGLY 120

Qy    121 HIGYFGGIFFIILLTIDRYLAIVHAVFALKARTVTFGVVTSVITWLVAVFASVPGIIFTK 180
          |||| ||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db    121 HIGYLGGIFFIILLTIDRYLAIVHAVFALKARTVTFGVVTSVITWLVAVFASVPGIIFTK 180

Qy    181 CQKEDSVYVCGPYFPRGWNNFHTIMRNILGLVLPLLIMVICYSGILKTLLRCRNEKKRHR 240
          ||:||||||:||||||||||||||||||||||||||||||||||||||||||||||||||||
Db    181 CQEEDSVYICGPYFPRGWNNFHTIMRNILGLVLPLLIMVICYSGILKTLLRCRNEKKRHR 240

Qy    241 AVRVIFTIMIVYFLFWTPYNIVILLNTFQEFFGLSNCESTSQLDQATQVTETLGMTHCCI 300
          |||:||||||||||||||||||||||||||||||||||| ||||||||||||||||||||
Db    241 AVRLIFTIMIVYFLFWTPYNIVILLNTFQEFFGLSNCESTRQLDQATQVTETLGMTHCCI 300

Qy    301 NPIIYAFVGEKFRRYLSVFFRKHITKRFCKQCPVFYRETVDGVTSTNTPSTGEQEVSAGL 360
          |||||||||||||||||:||||:|||||||||||||||||||||||||| ||||||||
Db    301 NPIIYAFVGEKFRRYLSMFFRKYITKRFCKQCPVFYRETVDGVTSTNTPSTAEQEVSAGL 360


RESULT 9
US-08-461-244-3
; Sequence 3, Application US/08461244
; Patent No. 5776729
;   GENERAL INFORMATION:
;     APPLICANT:  Soppet, Daniel R.
;     APPLICANT:  Yi, Li
;     APPLICANT:  Ruben, Steven M.
;     APPLICANT:  Rosen, Craig A.
;     TITLE OF INVENTION:  HUMAN G-PROTEIN RECEPTOR HGBER32
;     NUMBER OF SEQUENCES:  7
;     CORRESPONDENCE ADDRESS:
;       ADDRESSEE:  CARELLA, BYRNE, BAIN, GILFILLAN, CECCHI,
;       ADDRESSEE:  STUART & OLSTEIN
;       STREET:  6 Becker Farm Road
;       CITY:  Roseland
;       STATE:  New Jersey
;       COUNTRY:  USA
;       ZIP:  07068
;     COMPUTER READABLE FORM:
;       MEDIUM TYPE:  Floppy disk
;       COMPUTER:  IBM PC compatible
;       OPERATING SYSTEM:  PC-DOS/MS-DOS
;       SOFTWARE:  PatentIn Release #1.0, Version #1.30
;     CURRENT APPLICATION DATA:
;       APPLICATION NUMBER:  US/08/461,244
;       FILING DATE:  05-JUN-1995
;       CLASSIFICATION:  536
;     ATTORNEY/AGENT INFORMATION:
;       NAME:  Ferraro, Gregory D.
;       REGISTRATION NUMBER:  36,134
;       REFERENCE/DOCKET NUMBER:  325800-445
;     TELECOMMUNICATION INFORMATION:
;       TELEPHONE:  201-994-1700
;       TELEFAX:  201-994-1744
;   INFORMATION FOR SEQ ID NO:  3:
;     SEQUENCE CHARACTERISTICS:
;       LENGTH:  347 amino acids
;       TYPE:  amino acid
;       STRANDEDNESS:
;       TOPOLOGY:  linear
;     MOLECULE TYPE:  protein
US-08-461-244-3

  Query Match             96.7%;  Score 1838;  DB 1;  Length 347;
  Best Local Similarity   100.0%;  Pred. No. 4.5e-146;
  Matches  347;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy     14 NESGEEVTTFFDYDYGAPCHKFDVKQIGAQLLPPLYSLVFIFGFVGNMLVVLILINCKKL 73
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db      1 NESGEEVTTFFDYDYGAPCHKFDVKQIGAQLLPPLYSLVFIFGFVGNMLVVLILINCKKL 60

Qy     74 KCLTDIYLLNLAISDLLFLITLPLWAHSAANEWVFGNAMCKLFTGLYHIGYFGGIFFIIL 133
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db     61 KCLTDIYLLNLAISDLLFLITLPLWAHSAANEWVFGNAMCKLFTGLYHIGYFGGIFFIIL 120

Qy    134 LTIDRYLAIVHAVFALKARTVTFGVVTSVITWLVAVFASVPGIIFTKCQKEDSVYVCGPY 193
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db    121 LTIDRYLAIVHAVFALKARTVTFGVVTSVITWLVAVFASVPGIIFTKCQKEDSVYVCGPY 180
```

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Qy     194 FPRGWNNFHTIMRNILGLVLPLLIMVICYSGILKTLLRCRNEKKRHRAVRVIFTIMIVYF 253
           ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db     181 FPRGWNNFHTIMRNILGLVLPLLIMVICYSGILKTLLRCRNEKKRHRAVRVIFTIMIVYF 240

Qy     254 LFWTPYNIVILLNTFQEFFGLSNCESTSQLDQATQVTETLGMTHCCINPIIYAFVGEKFR 313
           ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db     241 LFWTPYNIVILLNTFQEFFGLSNCESTSQLDQATQVTETLGMTHCCINPIIYAFVGEKFR 300

Qy     314 RYLSVFFRKHITKRFCKQCPVFYRETVDGVTSTNTPSTGEQEVSAGL 360
           |||||||||||||||||||||||||||||||||||||||||||||||
Db     301 RYLSVFFRKHITKRFCKQCPVFYRETVDGVTSTNTPSTGEQEVSAGL 347
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RESULT 10
US-08-450-393A-2
; Sequence 2, Application US/08450393A
; Patent No. 5707815
; GENERAL INFORMATION:
; APPLICANT: Charo, Israel
; APPLICANT: Coughlin, Shaun
; TITLE OF INVENTION: MAMMALIAN MONOCYTE CHEMOATTRACTANT
; TITLE OF INVENTION: PROTEIN RECEPTORS
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Cooley Godward Castro Huddleson & Tatum
; STREET: 5 Palo Alto Square
; CITY: Palo Alto
; STATE: California
; COUNTRY: USA
; ZIP: 94306-2155
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/450,393A
; FILING DATE: May 25, 1995
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: Cserr, Luann
; REGISTRATION NUMBER: 31,822
; REFERENCE/DOCKET NUMBER: UCAL-237/02US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-843-5165
; TELEFAX: 415-8857-0663
; TELEX: 380816CooleyPA
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 374 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-450-393A-2

Query Match 86.9%; Score 1651.5; DB 1; Length 374;
Best Local Similarity 95.5%; Pred. No. 1.8e-130;
Matches 319; Conservative 3; Mismatches 5; Indels 7; Gaps 3;

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Qy       1 MLSTSRSRFIRNTNESGEEVTTFFDYDYGAPCHKFDVKQIGAQLLPPLYSLVFIFGFVGN 60
           ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db       1 MLSTSRSRFIRNTNESGEEVTTFFDYDYGAPCHKFDVKQIGAQLLPPLYSLVFIFGFVGN 60

Qy      61 MLVVLILINCKKLKCLTDIYLLNLAISDLLFLITLPLWAHSAANEWVFGNAMCKLFTGLY 120
           ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db      61 MLVVLILINCKKLKCLTDIYLLNLAISDLLFLITLPLWAHSAANEWVFGNAMCKLFTGLY 120

Qy     121 HIGYFGGIFFIILLTIDRYLAIVHAVFALKARTVTFGVVTSVITWLVAVFASVPGIIFTK 180
           ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db     121 HIGYFGGIFFIILLTIDRYLAIVHAVFALKARTVTFGVVTSVITWLVAVFASVPGIIFTK 180

Qy     181 CQKEDSVYVCGPYFPRGWNNFHTIMRNILGLVLPLLIMVICYSGILKTLLRCRNEKKRHR 240
           ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db     181 CQKEDSVYVCGPYFPRGWNNFHTIMRNILGLVLPLLIMVICYSGILKTLLRCRNEKKRHR 240

Qy     241 AVRVIFTIMIVYFLFWTPYNIVILLNTFQEFFGLSNCESTSQLDQATQVTETLGMTHCCI 300
           ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db     241 AVRVIFTIMIVYFLFWTPYNIVILLNTFQEFFGLSNCESTSQLDQATQVTETLGMTHCCI 300

Qy     301 NPIIYAFVGEKFRRYLSVFFRKHITKRFCKQCPV 334
           |||||||||||||   |:|   ||    |:  |:
Db     301 NPIIYAFVGEKFR---SLF---HIALG-CRIAPL 327
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RESULT 11
US-08-446-669-2
; Sequence 2, Application US/08446669
; Patent No. 6132987
; GENERAL INFORMATION:
; APPLICANT: Charo, Israel
; APPLICANT: Coughlin, Shaun
; TITLE OF INVENTION: MAMMALIAN MONOCYTE CHEMOATTRACTANT
; TITLE OF INVENTION: PROTEIN RECEPTORS
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Cooley Godward Castro Huddleson & Tatum
; STREET: 5 Palo Alto Square
; CITY: Palo Alto
; STATE: California
; COUNTRY: USA
; ZIP: 94306-2155
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/446,669
; FILING DATE: May 25, 1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Neeley, Richard
; REGISTRATION NUMBER: 30,092
; REFERENCE/DOCKET NUMBER: UCAL-237/01US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-843-5000
; TELEFAX: 415-857-0663
; TELEX: 380816CooleyPA
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 374 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-446-669-2

Query Match 86.9%; Score 1651.5; DB 4; Length 374;
Best Local Similarity 95.5%; Pred. No. 1.8e-130;
Matches 319; Conservative 3; Mismatches 5; Indels 7; Gaps 3;

```
Qy       1 MLSTSRSRFIRNTNESGEEVTTFFDYDYGAPCHKFDVKQIGAQLLPPLYSLVFIFGFVGN 60
           ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db       1 MLSTSRSRFIRNTNESGEEVTTFFDYDYGAPCHKFDVKQIGAQLLPPLYSLVFIFGFVGN 60

Qy      61 MLVVLILINCKKLKCLTDIYLLNLAISDLLFLITLPLWAHSAANEWVFGNAMCKLFTGLY 120
           ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db      61 MLVVLILINCKKLKCLTDIYLLNLAISDLLFLITLPLWAHSAANEWVFGNAMCKLFTGLY 120

Qy     121 HIGYFGGIFFIILLTIDRYLAIVHAVFALKARTVTFGVVTSVITWLVAVFASVPGIIFTK 180
           ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db     121 HIGYFGGIFFIILLTIDRYLAIVHAVFALKARTVTFGVVTSVITWLVAVFASVPGIIFTK 180

Qy     181 CQKEDSVYVCGPYFPRGWNNFHTIMRNILGLVLPLLIMVICYSGILKTLLRCRNEKKRHR 240
           ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db     181 CQKEDSVYVCGPYFPRGWNNFHTIMRNILGLVLPLLIMVICYSGILKTLLRCRNEKKRHR 240
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Qy    241 AVRVIFTIMIVYFLFWTPYNIVILLNTFQEFFGLSNCESTSQLDQATQVTETLGMTHCCI 300
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db    241 AVRVIFTIMIVYFLFWTPYNIVILLNTFQEFFGLSNCESTSQLDQATQVTETLGMTHCCI 300

Qy    301 NPIIYAFVGEKFRRYLSVFFRKHITKRFCKQCPV 334
          |||||||||||||   |:|   ||    |:  |:
Db    301 NPIIYAFVGEKFR---SLF---HIALG-CRIAPL 327


RESULT 12
PCT-US95-00476-2
; Sequence 2, Application PC/TUS9500476
;  GENERAL INFORMATION:
;     APPLICANT:  The Regents of the University of California
;     TITLE OF INVENTION:  MAMMALIAN MONOCYTE CHEMOATTRACTANT
;     TITLE OF INVENTION:  PROTEIN RECEPTORS
;     NUMBER OF SEQUENCES:  14
;     CORRESPONDENCE ADDRESS:
;       ADDRESSEE:  Robbins, Berliner & Carson
;       STREET:  201 N. Figueroa Street, 5th Floor
;       CITY:  Los Angeles
;       STATE:  California
;       COUNTRY:  USA
;       ZIP:  90012-2628
;     COMPUTER READABLE FORM:
;       MEDIUM TYPE:  Floppy disk
;       COMPUTER:  IBM PC compatible
;       OPERATING SYSTEM:  PC-DOS/MS-DOS
;       SOFTWARE:  PatentIn Release #1.0, Version #1.25
;     CURRENT APPLICATION DATA:
;       APPLICATION NUMBER:  PCT/US95/00476
;       FILING DATE:
;       CLASSIFICATION:
;     ATTORNEY/AGENT INFORMATION:
;       NAME:  Berliner, Robert
;       REGISTRATION NUMBER:  20,121
;       REFERENCE/DOCKET NUMBER:  5555-291
;     TELECOMMUNICATION INFORMATION:
;       TELEPHONE:  310-977-1001
;       TELEFAX:  310-977-1003
;       TELEX:
;   INFORMATION FOR SEQ ID NO:  2:
;     SEQUENCE CHARACTERISTICS:
;       LENGTH:  374 amino acids
;       TYPE:  amino acid
;       TOPOLOGY:  linear
;     MOLECULE TYPE:  protein
PCT-US95-00476-2

  Query Match             86.9%;  Score 1651.5;  DB 5;  Length 374;
  Best Local Similarity   95.5%;  Pred. No. 1.8e-130;
  Matches  319;  Conservative    3;  Mismatches    5;  Indels    7;  Gaps    3;

Qy      1 MLSTSRSRFIRNTNESGEEVTTFFDYDYGAPCHKFDVKQIGAQLLPPLYSLVFIFGFVGN 60
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db      1 MLSTSRSRFIRNTNESGEEVTTFFDYDYGAPCHKFDVKQIGAQLLPPLYSLVFIFGFVGN 60

Qy     61 MLVVLILINCKKLKCLTDIYLLNLAISDLLFLITLPLWAHSAANEWVFGNAMCKLFTGLY 120
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db     61 MLVVLILINCKKLKCLTDIYLLNLAISDLLFLITLPLWAHSAANEWVFGNAMCKLFTGLY 120

Qy    121 HIGYFGGIFFIILLTIDRYLAIVHAVFALKARTVTFGVVTSVITWLVAVFASVPGIIFTK 180
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db    121 HIGYFGGIFFIILLTIDRYLAIVHAVFALKARTVTFGVVTSVITWLVAVFASVPGIIFTK 180

Qy    181 CQKEDSVYVCGPYFPRGWNNFHTIMRNILGLVLPLLIMVICYSGILKTLLRCRNEKKRHR 240
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db    181 CQKEDSVYVCGPYFPRGWNNFHTIMRNILGLVLPLLIMVICYSGILKTLLRCRNEKKRHR 240

Qy    241 AVRVIFTIMIVYFLFWTPYNIVILLNTFQEFFGLSNCESTSQLDQATQVTETLGMTHCCI 300
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db    241 AVRVIFTIMIVYFLFWTPYNIVILLNTFQEFFGLSNCESTSQLDQATQVTETLGMTHCCI 300

Qy    301 NPIIYAFVGEKFRRYLSVFFRKHITKRFCKQCPV 334
          |||||||||||||   |:|   ||    |:  |:
Db    301 NPIIYAFVGEKFR---SLF---HIALG-CRIAPL 327


RESULT 13
US-08-466-343D-9
; Sequence 9, Application US/08466343D
; Patent No. 6025154
;  GENERAL INFORMATION:
;     APPLICANT:  LI, Yi
;     TITLE OF INVENTION:  POLYNUCLEOTIDES ENCODING HUMAN G-PROTEIN
;     TITLE OF INVENTION:  CHEMOKINE RECEPTOR HDGNR10 (AS AMENDED)
;     NUMBER OF SEQUENCES:  9
;     CORRESPONDENCE ADDRESS:
;       ADDRESSEE:  STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.
;       STREET:  1100 NEW YORK AVE., NW, SUITE 600
;       CITY:  WASHINGTON
;       STATE:  DC
;       COUNTRY:  USA
;       ZIP:  20005
;     COMPUTER READABLE FORM:
;       MEDIUM TYPE:  Floppy disk
;       COMPUTER:  IBM PC compatible
;       OPERATING SYSTEM:  PC-DOS/MS-DOS
;       SOFTWARE:  PatentIn Release #1.0, Version #1.30
;     CURRENT APPLICATION DATA:
;       APPLICATION NUMBER:  US/08/466,343D
;       FILING DATE:  06-JUN-1995
;       CLASSIFICATION:  435
;     ATTORNEY/AGENT INFORMATION:
;       NAME:  STEFFE, ERIC K.
;       REGISTRATION NUMBER:  36,688
;       REFERENCE/DOCKET NUMBER:  1488.1150000/EKS/KLM
;     TELECOMMUNICATION INFORMATION:
;       TELEPHONE:  (202) 371-2600
;       TELEFAX:  (202) 371-2540
;   INFORMATION FOR SEQ ID NO:  9:
;     SEQUENCE CHARACTERISTICS:
;       LENGTH:  344 amino acids
;       TYPE:  amino acid
;       STRANDEDNESS:  single
;       TOPOLOGY:  linear
;     MOLECULE TYPE:  protein
US-08-466-343D-9

  Query Match             82.6%;  Score 1568.5;  DB 3;  Length 344;
  Best Local Similarity   95.3%;  Pred. No. 1.4e-123;
  Matches  302;  Conservative    3;  Mismatches    5;  Indels    7;  Gaps    3;

Qy     18 EEVTTFFDYDYGAPCHKFDVKQIGAQLLPPLYSLVFIFGFVGNMLVVLILINCKKLKCLT 77
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db      1 EEVTTFFDYDYGAPCHKFDVKQIGAQLLPPLYSLVFIFGFVGNMLVVLILINCKKLKCLT 60

Qy     78 DIYLLNLAISDLLFLITLPLWAHSAANEWVFGNAMCKLFTGLYHIGYFGGIFFIILLTID 137
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db     61 DIYLLNLAISDLLFLITLPLWAHSAANEWVFGNAMCKLFTGLYHIGYFGGIFFIILLTID 120

Qy    138 RYLAIVHAVFALKARTVTFGVVTSVITWLVAVFASVPGIIFTKCQKEDSVYVCGPYFPRG 197
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db    121 RYLAIVHAVFALKARTVTFGVVTSVITWLVAVFASVPGIIFTKCQKEDSVYVCGPYFPRG 180

Qy    198 WNNFHTIMRNILGLVLPLLIMVICYSGILKTLLRCRNEKKRHRAVRVIFTIMIVYFLFWT 257
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db    181 WNNFHTIMRNILGLVLPLLIMVICYSGILKTLLRCRNEKKRHRAVRVIFTIMIVYFLFWT 240

Qy    258 PYNIVILLNTFQEFFGLSNCESTSQLDQATQVTETLGMTHCCINPIIYAFVGEKFRRYLS 317
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||   |
Db    241 PYNIVILLNTFQEFFGLSNCESTSQLDQATQVTETLGMTHCCINPIIYAFVGEKFR---S 297

Qy    318 VFFRKHITKRFCKQCPV 334
          :|   ||    |:  |:
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Db    298 LF---HIALG-CRIAPL 310


RESULT 14
US-08-724-984A-2
; Sequence 2, Application US/08724984A
; Patent No. 6388055
;  GENERAL INFORMATION:
;    APPLICANT:  Derk Bergsma, Mary Brawner, and Usman Shabon
;    TITLE OF INVENTION:  No. 6388055el Mouse Genomic Clone of the CC-
;    TITLE OF INVENTION:  CKR5 Receptor
;    NUMBER OF SEQUENCES:  5
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  SmithKline Beecham Corporation
;      STREET:  709 Swedeland Road, P.O. Box 1539
;      CITY:  King of Prussia
;      STATE:  PA
;      COUNTRY:  USA
;      ZIP:  19406-0939
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
;      COMPUTER:  IBM 486
;      OPERATING SYSTEM:  WINDOWS FOR WORKGROUPS
;      SOFTWARE:  MICROSOFT WORD
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/724,984A
;      FILING DATE:  October 3, 1996
;      CLASSIFICATION:  800
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:
;      FILING DATE:
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  William T. Han
;      REGISTRATION NUMBER:  34,344
;      REFERENCE/DOCKET NUMBER:  ATG50023
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  610 270 5024
;      TELEFAX:  610 270 5090
;  INFORMATION FOR SEQ ID NO:  2:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  354
;      TYPE:  Amino Acid
;      TOPOLOGY:  Linear
US-08-724-984A-2

  Query Match             72.9%;  Score 1386;  DB 4;  Length 354;
  Best Local Similarity   74.0%;  Pred. No. 2.4e-108;
  Matches  259;  Conservative   33;  Mismatches   52;  Indels    6;  Gaps    2;

Qy      17 GEEVTTFFDYDYG--APCHKFDVKQIGAQLLPPLYSLVFIFGFVGNMLVVLILINCKKLK 74
           |   |  :| |||  ||| | :|||| ||||||||||||||| |||:| ||||:|||||
Db       5 GSVPTYIYDIDYGMSAPCQKINVKQIAAQLLPPLYSLVFIFGFAGNMMVFLILISCKKLK 64

Qy      75 CLTDIYLLNLAISDLLFLITLPLWAHSAANEWVFGNAMCKLFTGLYHIGYFGGIFFIILL 134
           :|||||||||||||||:||| ||| |||||:||| |||:|||:|||||||||||||||
Db      65 SVTDIYLLNLAISDLLFLLTLPFWAHYAANEWIFGNIMCKVFTGVYHIGYFGGIFFIILL 124

Qy     135 TIDRYLAIVHAVFALKARTVTFGVVTSVITWLVAVFASVPGIIFTKCQKEDSVYVCGPYF 194
           ||||||||||||||||  || |||:|||:||:||||||:| ||||: |||   | |  |:|
Db     125 TIDRYLAIVHAVFALKVTTVNFGVITSVVTWVVAVFASLPEIIFTRSQKEGFHYTCSPHF 184

Qy     195 PRG----WNNFHTIMRNILGLVLPLLIMVICYSGILKTLLRCRNEKKRHRAVRVIFTIMI 250
           |       | :| |:   || |:||||:|:||||||| || ||||||||||||:|| |||
Db     185 PHTQYHFWKSFQTLKMVILSLILPLLVMIICYSGILHTLFRCRNEKKRHRAVRLIFAIMI 244

Qy     251 VYFLFWTPYNIVILLNTFQEFFGLSNCESTSQLDQATQVTETLGMTHCCINPIIYAFVGE 310
           ||||||||||:|| |||||||:|| |:::|||| | ||||||||||:||:|||||||
Db     245 VYFLFWTPYNIVLLLTTFQEFFGLNNCSSSNRLDQAMQATETLGMTHCCLNPVIYAFVGE 304

Qy     311 KFRRYLSVFFRKHITKRFCKQCPVFYRETVDGVTSTNTPSTGEQEVSAGL 360
           ||| |||||||||| |||||:| :| ::  | |:|  | |||| ||| ||
Db     305 KFRSYLSVFFRKHIVKRFCKRCSIFQQDNPDRVSSVYTRSTGEHEVSTGL 354


RESULT 15
US-09-517-605-5
; Sequence 5, Application US/09517605
; Patent No. 6391567
; GENERAL INFORMATION:
;  APPLICANT: Littman, Dan R.
;  APPLICANT: Kwon, Douglas S.
;  APPLICANT: van Kooyk, Yvette
;  APPLICANT: Geijtenbeck, Tneo
;  TITLE OF INVENTION: METHODS OF USING A FACILITATOR OF RETROVIRAL ENTRY INTO
;  TITLE OF INVENTION: CELLS
;  FILE REFERENCE: 1049-1-017
;  CURRENT APPLICATION NUMBER: US/09/517,605
;  CURRENT FILING DATE: 2000-03-02
;  NUMBER OF SEQ ID NOS: 17
;  SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 5
;   LENGTH: 352
;   TYPE: PRT
;   ORGANISM: Homo sapiens
US-09-517-605-5

  Query Match             72.2%;  Score 1371;  DB 4;  Length 352;
  Best Local Similarity   76.2%;  Pred. No. 4.2e-107;
  Matches  259;  Conservative   30;  Mismatches   47;  Indels    4;  Gaps    1;

Qy      25 DYDYGAPCHKFDVKQIGAQLLPPLYSLVFIFGFVGNMLVVLILINCKKLKCLTDIYLLNL 84
           |||   || | :|||| |:|||||||||||||||||||:|:|||||:|| :||||||||
Db      13 DYDTSEPCQKINVKQIAARLLPPLYSLVFIFGFVGNMLVILVLINCKRLKSMTDIYLLNL 72

Qy      85 AISDLLFLITLPLWAHSAANEWVFGNAMCKLFTGLYHIGYFGGIFFIILLTIDRYLAIVH 144
           ||||| ||:|:| ||| || :| ||| ||:| |||| ||:| ||||||||||||||||||
Db      73 AISDLFFLLTVPFWAHYAAAQWDFGNTMCQLLTGLYFIGFFSGIFFIILLTIDRYLAIVH 132

Qy     145 AVFALKARTVTFGVVTSVITWLVAVFASVPGIIFTKCQKEDSVYVCGPYFP----RGWNN 200
           |||||||||||||||||||:||||||:||||||: |||   | |  :||    : | |
Db     133 AVFALKARTVTFGVVTSVITWVVAVFASLPGIIFTRSQKEGLHYTCSSHFPYSQYQFWKN 192

Qy     201 FHTIMRNILGLVLPLLIMVICYSGILKTLLRCRNEKKRHRAVRVIFTIMIVYFLFWTPYN 260
           | |:   |||||||||:|||||||||||||||||||||||||:|||||||||| |||
Db     193 FQTLKIVILGLVLPLLVMVICYSGILKTLLRCRNEKKRHRAVRLIFTIMIVYFLFWAPYN 252

Qy     261 IVILLNTFQEFFGLSNCESTSQLDQATQVTETLGMTHCCINPIIYAFVGEKFRRYLSVFF 320
           ||:|||||||||:|| |:::|||| |||||||||||||||||||||||| || |||
Db     253 IVLLLNTFQEFFGLNNCSSSNRLDQAMQVTETLGMTHCCINPIIYAFVGEKFRNYLLVFF 312

Qy     321 RKHITKRFCKQCPVFYRETVDGVTSTNTPSTGEQEVSAGL 360
           :||| | ||| | :| :|  :  :|  | ||||||:| ||
Db     313 QKHIAKHFCKCCSIFQQEAPERASSVYTRSTGEQEISVGL 352


Search completed: May 19, 2003, 16:50:02
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